

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hwai-Tay Lin

Serial No.: 09/978,516

Filed: October 15, 2001

For: ABRASION-RESISTANT BUMPER  
FOR A NAIL-DRIVING TOOL

Docket No.: 15722-321 (formerly CFP-1489)

Commissioner of Patents  
Washington, DC 20231

Group Art Unit 3721

Examiner: Paul R. Durand

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I CERTIFY THAT THIS PAPER IS BEING SENT VIA  
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COMMISSIONER OF PATENTS AND TRADEMARKS,  
WASHINGTON, D.C. 20231, ON FEBRUARY 7, 2003 (37  
CFR 1.8a) TO FAX NO. 703-305-3579

*Alan Bennett***AMENDMENT**

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Dear Sir:

In response to the Office communication mailed November 19, 2002, please amend the  
above application as follows:

**IN THE SPECIFICATION**

Page 1, line 7 to page 2, line 6 has been amended as follows:

U.S. Patent No. 4,932,480 to Golsch issued on June 12, 1990 discloses a pneumatically  
powered nail-driving tool 10 comprising a cylinder 20, a piston 26 reciprocatingly received in  
the cylinder 20, and a main valve 60 for driving the piston 26. A driving element 32 is attached  
to the piston 26 for driving a nail. Movement of the piston 26 is arrested by an air-cooled bumper  
70 to thereby provide a cushioning effect. As illustrated in Figs. 2 through 5 of this patent, the  
bumper 70 comprises an upper end 100, a lower end 102, an inner peripheral surface 104, and an  
outer peripheral surface 106. The bumper 70 has an annular flange 108 extending outwardly at  
its lower end 102. The annular flange 108 fits into the annular recess 82 in the cylindrical wall  
24, when the bumper 70 is fitted within the cylinder 20, so as to secure the bumper 70 against the  
end wall 24. The bumper 70 has eight slots 110 extending radially from the inner peripheral  
surface 104 and eight slots 112 extending radially from the outer peripheral surface 106.  
Arrangement of the slots 110 and 112 in the bumper 70 provides a good bumping effect.